## Index of Claims

Application No.

09/832,663 Examiner Applicant(s)

POLAK ET AL.

Nelson Yang

Art Unit

|   |       |          | V       | R       | eje     | cte     | ed       |          |          | _ | (Through<br>Can |     |       |     |  |  |  |  |
|---|-------|----------|---------|---------|---------|---------|----------|----------|----------|---|-----------------|-----|-------|-----|--|--|--|--|
|   |       |          | =       | Δ       | llo     | we      | d        |          |          | ÷ | Resi            |     |       |     |  |  |  |  |
|   | Cla   |          |         |         |         | Date    | 9        |          |          |   |                 | Cli | ain   |     |  |  |  |  |
|   |       | =        | _       |         | I.,     |         |          |          |          | П | Г               |     |       | Γ.  |  |  |  |  |
|   | Final | Original | 8/30/04 | 5/12/05 | 2/14/06 | 8/30/06 | 3/12/07  | 9/18/07  | 8/30/08  |   |                 |     | Final |     |  |  |  |  |
|   |       | 1        | v       | ٧       | v       | ٧       | v        | v        | ν        |   |                 | ĺ   |       | 4   |  |  |  |  |
|   |       | 2        | ٧       | ٧       | ٧       | ٧       | ٧        | v        | ٧        |   |                 |     |       | 5   |  |  |  |  |
|   |       | 3        | v       | ٧       | v       | ٧       | v        | ٧        | ν        | ш |                 | ļ   |       | 5   |  |  |  |  |
|   |       | 4        | v       | v       | v       | ٧       | v        | ٧        | ν        | Н |                 |     |       | 1   |  |  |  |  |
|   | _     | 5        | v       | ٧       | v       | ٧       | ٧        | ٧        | ٧        | Н |                 |     |       | 1   |  |  |  |  |
|   | _     | 7        | v       | v       | v       | v       | v        | v        | v        | Н |                 | 1   |       |     |  |  |  |  |
|   |       | 8        | v       | v       | v       | v       | v        | v        | v        | Н |                 | 1   |       | 4   |  |  |  |  |
|   |       | 9        | v       | v       | v       | v       | v        | v        | v        | Н |                 | 1   |       | 1   |  |  |  |  |
|   |       | 10       | v       | v       | v       | v       | v        | v        | v        | Н |                 | 1   |       | È   |  |  |  |  |
|   |       | 11       | v       | v       | v       | v       | v        | v        | v        |   |                 | ĺ   |       | 1   |  |  |  |  |
|   |       | 12       | v       | v       | v       | v       | v        | v        | v        |   |                 | ĺ   |       | 6   |  |  |  |  |
|   |       | 13       | v       | v       | v       | v       | v        | v        | v        |   |                 | ĺ   |       | 1   |  |  |  |  |
|   |       | 14       | ٧       | v       | ٧       | v       | ٧        | v        | ٧        | П |                 |     |       | 6   |  |  |  |  |
|   |       | 15       | ٧       | ٧       | ٧       | ٧       | ٧        | v        | ٧        |   |                 | ]   |       | 16  |  |  |  |  |
|   |       | 16       | v       | ٧       | ٧       | v       | ٧        | v        | ٧        | Ш |                 | Į   |       | 6   |  |  |  |  |
|   |       | 17       | ٧       | ٧       | ٧       | ٧       | ٧        | v        | ٧        |   |                 | Į   |       | 6   |  |  |  |  |
|   |       | 18       | ٧       | v       | -       |         |          |          |          |   |                 |     |       | 6   |  |  |  |  |
|   |       | 19       | v       | ٧       | v       | ٧       | v        | ٧        | ٧        | Н |                 |     |       | 1   |  |  |  |  |
|   | _     | 20       | ٧       | ٧       | ٧       | ٧       | ٧        | ٧        | ٧        | Н | _               |     |       | 1   |  |  |  |  |
|   |       | 21       | v       | v       | -       | Н       | $\vdash$ | $\vdash$ | $\vdash$ | Н | _               | 1   |       | 7   |  |  |  |  |
|   |       | 23       | v       | v       | v       | v       | v        | v        | v        | Н | -               | 1   |       | 1   |  |  |  |  |
|   |       | 24       | v       | v       | v       | v       | v        | v        | v        | Н |                 | 1   |       | 1   |  |  |  |  |
|   |       | 25       | v       | v       | v       | v       | v        | v        | v        |   |                 | 1   |       | 1   |  |  |  |  |
|   |       | 26       | v       | v       | v       | v       | v        | v        | v        | Н |                 | 1   |       | 7   |  |  |  |  |
|   |       | 27       | v       | v       | -       |         |          |          |          |   |                 | i   |       | 7   |  |  |  |  |
|   |       | 28       | ٧       | v       | ٧       | v       | ٧        | v        | ٧        |   |                 | ]   |       | 7   |  |  |  |  |
|   |       | 29       | ٧       | ٧       | ٧       | v       | ٧        | v        | ٧        |   |                 |     |       | 7   |  |  |  |  |
|   |       | 30       | ٧       | ν       | ٧       | v       | ٧        | v        | ٧        |   |                 | ]   |       | 8   |  |  |  |  |
|   |       | 31       | ٧       | ٧       | ٧       | ٧       | ٧        | V        | ٧        |   |                 | Į   |       | 8   |  |  |  |  |
|   |       | 32       | v       | ٧       | v       | ٧       | ٧        | ٧        | ٧        | ш |                 |     |       | 8   |  |  |  |  |
|   |       | 33       | v       | ٧       | -       | Н       |          | ⊢        |          | Н |                 |     |       | 8   |  |  |  |  |
|   | _     | 34       | v       | ٧       | ٧       | ٧       | ٧        | ٧        | ٧        | Н | _               |     |       | 8   |  |  |  |  |
|   |       | 36       | v       | v       | v       | v       | v        | v        | v        | Н | _               |     |       | 8   |  |  |  |  |
|   |       | 37       | v       | v       | v       | v       | v        | v        | v        | Н |                 | 1   |       | 8   |  |  |  |  |
|   |       | 38       | v       | v       | v       | v       | v        | v        | v        |   |                 | 1   |       | 1 8 |  |  |  |  |
|   |       | 39       | v       | v       | v       | v       | v        | v        | v        | Н |                 |     | _     | 1   |  |  |  |  |
|   | _     | 40       | v       | v       | v       | v       | v        | v        | v        |   | $\overline{}$   |     |       | 3   |  |  |  |  |
|   |       | 41       | v       | v       | v       | v       | v        | v        | v        |   | Т               |     |       | 5   |  |  |  |  |
|   |       | 42       | v       | v       | v       | v       | v        | v        | v        | П | Т               | ١   |       | 3   |  |  |  |  |
|   |       | 43       | v       | ٧       | ٧       | ٧       | ٧        | ٧        | ٧        |   |                 | Ю   |       | 6   |  |  |  |  |
|   |       | 44       | ٧       | ٧       | ٧       | ٧       | ٧        | ٧        | ٧        |   | Ľ               | Į.  |       | 6   |  |  |  |  |
|   | ш     | 45       | ٧       | ٧       | -       | Ľ       | ╚        | Ľ        | ╚        | Ľ | Ľ               |     |       | 8   |  |  |  |  |
| - |       | 46       | v       | ٧       | v       | ٧       | ٧        | ٧        | ٧        | Щ |                 |     |       | 6   |  |  |  |  |
|   |       | 47       | v       | ٧       | v       | ٧       | v        | ٧        | v        | Н | _               |     | _     | 9   |  |  |  |  |
|   |       | 48       | _       |         | _       |         | _        |          |          |   |                 | ı   |       | 8   |  |  |  |  |

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|-------|--|--------|---------|---|--------|----------|---|---|----------|----------|-----|-----|--------|---------|----------|----------|----------|----------|---|
| Final | 51 51 52 53 55 56 56 56 56 56 56 66 66 66 66 66 66 |        |         |   | E      | Original |   |   |          |          |     |     |        |         |          |          |          |          |   |
|       | 51   |        |         |   |        |          |   |   |          |          |     | 101 |        |         |          |          |          |          | _ |
|       | 52   |        |         |   |        |          |   |   |          |          |     | 102 |        |         |          |          |          |          | _ |
|       | 53   |        | Т       |   |        |          |   |   |          |          |     | 103 |        |         |          |          |          |          | Τ |
|       | 54   |        |         |   |        |          |   |   |          |          |     | 104 |        |         |          |          |          |          |   |
|       | 55   |        | Т       |   |        |          |   |   |          |          |     | 105 |        | Т       |          |          | П        | П        | Ī |
|       |  |        |         |   |        |          |   |   |          |          |     | 106 |        |         |          |          |          |          |   |
|       |  |        |         |   |        |          |   |   |          |          |     | 107 |        |         |          |          |          |          |   |
|       |  |        |         |   |        |          |   |   |          |          |     | 108 |        |         |          |          |          |          |   |
|       |  |        | $\perp$ |   |        |          |   |   |          |          |     | 109 |        |         |          |          |          |          |   |
|       |  |        | $\perp$ |   | Ш      |          |   |   |          | L        |     | 110 |        | $\perp$ |          |          | $\Box$   | _        |   |
|       |  | _      | $\perp$ |   |        |          |   |   |          | L        |     | 111 |        | $\perp$ |          |          |          |          |   |
|       |  |        | $\perp$ |   |        |          |   |   |          | $\perp$  |     | 112 |        | $\perp$ |          |          |          |          |   |
|       |  | _      | $\perp$ |   | $\Box$ |          |   |   |          | L        |     | 113 |        | $\perp$ |          |          | Ш        | _        |   |
|       |  | _      |         |   |        |          |   |   |          | L        |     | 114 |        |         |          |          |          |          |   |
|       |  | _      | $\perp$ |   |        |          |   |   | Щ        | $\perp$  |     | 115 | _      | $\perp$ |          |          |          | _        |   |
|       |  | _      | $\perp$ |   | Ш      |          |   |   |          | $\perp$  |     | 116 | _      | $\perp$ |          |          | $\perp$  | _        | _ |
|       | 67   | _      | $\perp$ |   | ш      | _        |   |   | Щ        | $\vdash$ |     | 117 | _      | $\perp$ |          |          | $\perp$  | _        | _ |
|       | 68   | _      | $\perp$ |   | ш      | _        |   |   | Щ        | $\vdash$ |     | 118 | _      | $\perp$ |          |          | $\perp$  | _        | _ |
|       | 69   | _      | $\perp$ |   |        | _        |   |   | Щ        | $\vdash$ |     | 119 | _      | $\perp$ |          |          | $\perp$  | _        | _ |
|       | 70   | -      | +       |   | Н      | _        |   |   |          | $\vdash$ |     | 120 | -      | +       | H        |          | $\perp$  | -        | _ |
| _     | 71   | -      | +       |   | Н      | _        | _ |   |          | $\vdash$ |     | 121 | _      | +       | Н        |          | $\vdash$ | -        | _ |
|       | 72   | _      | +       |   | Н      | _        | _ | - | $\vdash$ | $\vdash$ |     | 122 | _      | +       | $\vdash$ |          | $\vdash$ | $\dashv$ | _ |
| _     | 74   | +      | +       |   | Н      | _        |   |   | -        | $\vdash$ |     | 123 | -      | +       | Н        |          | $\vdash$ | $\dashv$ |   |
| _     |  | -      | +       |   | Н      | -        | - | _ | -        | $\vdash$ | _   | 125 | -      | +       |          | -        | $\vdash$ | -        | - |
| _     | 75<br>76   | -      | +       | - | Н      | -        | - | _ | _        | $\vdash$ | _   | 126 | -      | +       | Н        | $\vdash$ | $\vdash$ | -        |   |
| _     | 77   | -      | +       |   | Н      | -        | - | _ | $\vdash$ | $\vdash$ | _   | 127 | -      | +       | $\vdash$ | $\vdash$ | $\dashv$ | -        |   |
| _     | 78   | -      | +       |   | Н      | -        |   | - | -        | $\vdash$ | _   | 128 | _      | +       | Н        | $\vdash$ | $\vdash$ | $\dashv$ | - |
| -     | 79   | -      | +       |   | Н      | _        | - | _ | $\vdash$ | $\vdash$ | -   | 129 | _      | +       |          | -        | $\vdash$ | -        | - |
| _     | 80   | -      | +       |   | Н      | _        | - | _ | $\vdash$ | $\vdash$ | _   | 130 | _      | +       |          | $\vdash$ | $\dashv$ | $\dashv$ | - |
| _     | 81   | +      | +       |   | Н      |          |   |   | Н        | $\vdash$ | _   | 131 | -      | +       |          |          | $\dashv$ | $\dashv$ | - |
|       | 82   | _      | +       |   | Н      |          |   |   | $\vdash$ | Н        |     | 132 | _      | +       | Н        |          | $\vdash$ | _        | - |
| _     | 83   |        | +       |   | Н      |          |   |   | Н        | $\vdash$ |     | 133 |        | +       |          |          |          | _        | - |
| _     | 84   |        | +       |   | Н      |          |   |   | Н        | $\vdash$ |     | 134 |        | +       |          |          | $\neg$   | _        | - |
|       | 85   | _      | +       |   | Н      |          |   |   |          | - 1-     |     | 135 | _      | +       |          |          | $\vdash$ | $\neg$   | - |
|       | 86   |        |         |   |        |          |   |   | П        |          |     | 136 |        |         |          |          |          | _        | - |
|       | 87   | = -    |         |   |        |          |   |   |          |          |     | 137 |        |         |          |          |          |          | - |
|       | 88   |        |         |   |        | 7 6      |   |   |          | -        |     | 138 |        |         |          |          | Н        |          | - |
| _     | 89   |        |         | Т |        |          |   |   |          |          |     | 139 | $\top$ |         |          |          | $\Box$   | _        |   |
| _     | 90   |        |         |   |        |          |   |   |          |          |     | 140 | $\neg$ | $\top$  | П        |          |          | $\neg$   | - |
|       | 91   |        |         |   |        |          |   |   |          |          |     | 141 |        | Т       | П        |          | $\Box$   | $\neg$   |   |
|       | 92   |        | Т       |   | П      |          |   |   |          |          |     | 142 | $\top$ | Т       | П        |          | $\Box$   | $\neg$   |   |
|       | 93   |        | т       |   | П      |          |   | П | ΠÌ       | T)       |     | 143 | $\neg$ | Т       | П        |          | $\Box$   | $\neg$   |   |
|       | 94   | $\neg$ |         | П | П      |          |   | П | $\Box$   |          |     | 144 | $\neg$ | $\top$  | П        |          | П        | $\neg$   | - |
|       | 95   |        |         |   |        |          |   | П |          |          |     | 145 | $\neg$ |         | П        |          | П        | $\neg$   | - |
|       | 96   |        |         |   |        |          |   |   |          |          |     | 146 |        |         | П        |          |          |          |   |
|       | 97   |        | Т       |   |        |          |   |   |          |          |     | 147 |        | T       | П        |          | $\Box$   | $\neg$   |   |
|       | 98   |        |         |   |        |          |   |   |          |          |     | 148 | $\neg$ | Т       | П        |          |          |          |   |
|       | 99   |        |         |   | П      |          |   |   |          |          |     | 149 |        |         | П        |          |          |          |   |
|       | 100  |        | Т       |   |        |          |   |   |          |          |     | 150 |        | Т       | П        |          |          |          | _ |